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$%^STN;HighlightOn= ***;HighlightOff=***
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LOGINID:SSSPTA1800EXS
PASSWORD:
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                   Web Page URLs for STN Seminar Schedule - N. America "Ask CAS" for self-help around the clock
 NEWS
 NEWS
                   New pricing for the Save Answers for SciFinder Wizard within
          SEP 01
 NEWS
                   STN Express with Discover!
                   KOREAPAT now available on STN
 NEWS
          OCT 28
                   PHAR reloaded with additional data
          NOV 30
 NEWS
          DEC 01
                   LISA now available on STN
 NEWS
       6
                   12 databases to be removed from STN on December 31, 2004
 NEWS
          DEC 09
                   MEDLINE update schedule for December 2004
          DEC 15
 NEWS
                   ELCOM reloaded; updating to resume; current-awareness
          DEC 17
 NEWS
                   alerts (SDIs) affected
                   COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
       10 DEC 17
 NEWS
       11 DEC 17
                   SOLIDSTATE reloaded; updating to resume; current-awareness
 NEWS
                   alerts (SDIs) affected
                   CERAB reloaded; updating to resume; current-awareness
       12 DEC 17
 NEWS
                   alerts (SDIs) affected
                   THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
       13 DEC 17
 NEWS
                   EPFULL: New patent full text database to be available on STN
       14 DEC 30
 NEWS
                   CAPLUS - PATENT COVERAGE EXPANDED
       15 DEC 30
 NEWS
                   No connect-hour charges in EPFULL during January and
       16 JAN 03
 NEWS
                   February 2005
               OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
 NEWS EXPRESS
                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP)
                AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
                STN Operating Hours Plus Help Desk Availability
 NEWS HOURS
                General Internet Information
 NEWS INTER
                Welcome Banner and News Items
 NEWS LOGIN
                Direct Dial and Telecommunication Network Access to STN
 NEWS PHONE
                CAS world wide web Site (general information)
 NEWS WWW
Enter NEWS followed by the item number or name to see news on that
specific topic.
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  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.
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=> fil .eliz
                                                    SINCE FILE
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COST IN U.S. DOLLARS
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                                                         ENTRY
                                                           0.21
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FULL ESTIMATED COST
FILE 'MEDLINE' ENTERED AT 19:08:39 ON 07 JAN 2005
FILE 'SCISEARCH' ENTERED AT 19:08:39 ON 07 JAN 2005
Copyright (c) 2005 The Thomson Corporation.
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FILE 'BIOTECHDS' ENTERED AT 19:08:39 ON 07 JAN 2005

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COPYRIGHT (C) 2005 THE THOMSON CORPORATION
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FILE 'NTIS' ENTERED AT 19:08:39 ON 07 JAN 2005
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.
All rights reserved. (2005)
FILE 'ESBIOBASE' ENTERED AT 19:08:39 ON 07 JAN 2005
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FILE 'BIOTECHNO' ENTERED AT 19:08:39 ON 07 JAN 2005
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FILE 'WPIDS' ENTERED AT 19:08:39 ON 07 JAN 2005
COPYRIGHT (C) 2005 THE THOMSON CORPORATION
=> s gfp (5a) muta?
   8 FILES SEARCHED.
          4064 GFP (5A) MUTA?
=> s 11 (5a) 64 (5a) 65
             9 L1 (5A) 64 (5A) 65
=> dup rem 12
PROCESSING COMPLETED FOR L2
              2 DUP REM L2 (7 DUPLICATES REMOVED)
L3
=> d 1,2
     ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS ON STN
L3
     1998:344529 HCAPLUS
ΑN
DN
     129:24810
     Mutants of green fluorescent protein with improved fluorescence properties
TI
     Evans, Krista
IN
     Life Technologies, Inc., USA
PA
     PCT Int. Appl., 71 pp.
SO
     CODEN: PIXXD2
DT
     Patent
     English
LA
FAN.CNT 1
                                             APPLICATION NO.
                                                                     DATE
                         KIND
                                 DATE
     PATENT NO.
PΙ
     wo 9821355
                           A1
                                 19980522
                                             wo 1997-US21662
                                                                     19971117
         W: JP
         RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
3638732 B1 20031028 US 1999-472065 19991223
     us 6638732
     us 2004086968
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                                 20040506
                           Α1
                                 19961115
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                           Ρ
     us 1997-970762
                                 19971114
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                                 19991223
              THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT
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                        MEDLINE on STN
                                                          DUPLICATE 1
L3
     ANSWER 2 OF 2
     1998192613
                    MEDLINE
AN
     PubMed ID: 9525926
DN
     Improved fluorescence and dual color detection with enhanced blue and
ΤI
     green variants of the green fluorescent protein.
     Yang T T; Sinai P; Green G; Kitts P A; Chen Y T; Lybarger L; Chervenak R;
     Patterson G H; Piston D W; Kain S R
     Cell Biology Group, Clontech Laboratories, Inc., Palo Alto, California
CS
     94303, USA.
     Journal of biological chemistry, (1998 Apr 3) 273 (14) 8212-6.
SO
     Journal code: 2985121R. ISSN: 0021-9258.
     United States
CY
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Journal; Article; (JOURNAL ARTICLE)
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,LA
       English
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FS
       199805
.EM
⊌ED
       Entered STN: 19980514
       Last Updated on STN: 19980514
Entered Medline: 19980507
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L1
                   9 S L1 (5A) 64 (5A) 65
L2
L3
                   2 DUP REM L2 (7 DUPLICATES REMOVED)
=> log h
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COST IN U.S. DOLLARS
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FULL ESTIMATED COST
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SESSION WILL BE HELD FOR 60 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 19:10:37 ON 07 JAN 2005

WEST Search History

Hide Items Restore Clear Cancel

DATE: Friday, January 07, 2005

Hide?	Set Name	Query	Hit Count
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	L1	GFP WITH MUTA\$	1921

END OF SEARCH HISTORY

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1. Document ID: US 20050005310 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 40

File: PGPB

Jan 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050005310

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050005310 A1

TITLE: Expression vectors and methods

PUBLICATION-DATE: January 6, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chisholm, Vanessa	San Mateo	CA	US	
Crowley, Craig W.	Portola Valley	CA	US	
Krummen, Lynne A.	San Francisco	CA	US	
Meng, Yu-Ju G.	Albany	CA	US	
Shen, Amy	San Mateo	CA	US	

US-CL-CURRENT: 800/8; 435/191, 435/325, 435/69.1, 536/23.2

Full Title Citation Front Revi	em Classification Date Reference Sequences	Attachments Claims RMC Draw De
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2. Document ID: US	20040235100 A1	
L2: Entry 2 of 40	File: PGPB	Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040235100

PGPUB-FILING-TYPE: new

L2: Entry 2 of 40

DOCUMENT-IDENTIFIER: US 20040235100 A1

TITLE: Renilla reniformis green fluorescent protein and mutants thereof

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sorge, Joseph A.	Wilson	WY	US	
Vaillancourt, Peter E.	Del Mar	CA	US	
Felts, Katherine A.	San Diego	CA	US	

e b e fe ef b g ee e f h

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 435/366, 530/350, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

3. Document ID: US 20040235064 A1

L2: Entry 3 of 40 File: PGPB Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040235064

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040235064 A1

TITLE: Methods of detecting interactions between proteins, peptides or libraries

thereof using fusion proteins

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hamilton, Andrew D. Guilford CT US
Ghosh, Indraneel Tucson AZ US
Regan, Lynne New Haven CT US

US-CL-CURRENT: 435/7.9

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Da

4. Document ID: US 20040086968 A1

L2: Entry 4 of 40 File: PGPB May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040086968

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040086968 A1

TITLE: Mutants of green fluorescent protein

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Evans, Krista Germantown MD US

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Kwitc | Draw De

5. Document ID: US 20040072995 A1

L2: Entry 5 of 40 File: PGPB Apr 15, 2004

h eb bgeeef e fe ef b e

PGPUB-DOCUMENT-NUMBER: 20040072995

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040072995 A1

TITLE: Novel fluorescent proteins

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bjorn, Sara P. Soborg DK
Pagliaro, Len Soborg DK

Thastrup, Ole Soborg DK

US-CL-CURRENT: 530/350

Full Title Citation Front Review Classificati	ion Date Reference Sequences	Attachmento Claims KMC Draw De
6. Document ID: US 200302034	104 A1	
L2: Entry 6 of 40	File: PGPB	Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030203404

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030203404 A1

TITLE: Bioluminescence resonance energy transfer(bret) system with broad spectral

resolution between donor and acceptor emission wavelengths and its use

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Joly, Erik Blainville CA

US-CL-CURRENT: $\frac{435}{7.1}$; $\frac{435}{287.2}$, $\frac{435}{320.1}$, $\frac{435}{325}$, $\frac{435}{69.1}$, $\frac{435}{8}$

Full Title Citation Front Review Classification Date	Reference Sequences Attachme	enta Claims KMC Draw De
7. Document ID: US 20030186356 A1		
L2: Entry 7 of 40	File: PGPB	Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030186356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030186356 A1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

h eb bgeeef efe be

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Stemmer, Willem P.C.

Los Gatos

CA

US

US-CL-CURRENT: 435/68.1; 435/69.1, 536/23.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | RMC | Draw De

8. Document ID: US 20030157540 A1

L2: Entry 8 of 40

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157540

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157540 A1

TITLE: Methods for isolating and characterizing short-lived proteins and arrays

derived therefrom

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Li, Xianqiang

Palo Alto

CA

US

Jiang, Xin

Saratoga

CA

US

US-CL-CURRENT: 435/6; 435/287.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw Do

9. Document ID: US 20030154500 A1

L2: Entry 9 of 40

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030154500

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030154500 A1

TITLE: Nucleic acid transfer vector for the introduction of nucleic acid into the

DNA of a cell

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hackett, Perry B. Shoreview MN US Clark, Karl J. Ramsey MN US Ivics, Zoltan Berlin MN DE

h eb bgeeef e fe ef b

Izsvak, Zsuzsanna

Berlin

DE

Fahrenkrug, Scott C.

St. Paul

US

US-CL-CURRENT: 800/8; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

Full Title	Citation Front	Review Classificati	on Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
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10.	Document ID	US 20030134	288 A1						

L2: Entry 10 of 40

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134288

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134288 A1

TITLE: Screening methods involving the detection of short-lived proteins

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Li, Xianqiang

Palo Alto

CA

US

Jiang, Xin

Saratoga

CA

US

US-CL-CURRENT: 435/6; 435/325, 435/7.1, 435/7.2

Full Title Citation Front Review C	lassification Dat	e Reference	Sequences	Attachments	Claims	KOMC	Draw Dr
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Search Results - Record(s) 11 through 20 of 40 returned.

11. Document ID: US 20030134287 A1

Using default format because multiple data bases are involved.

L2: Entry 11 of 40

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134287

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134287 A1

TITLE: Method for isolating and characterizing short-lived proteins

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME

CITY STATE

COUNTRY

RULE-47

Li, Xianqiang

Palo Alto

CA US

Jiang, Xin

Saratoga

CA

US

US-CL-CURRENT: 435/6; 435/7.2

	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC Draw	oi De
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12. Document ID: US 20030013849 A1

L2: Entry 12 of 40

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030013849

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030013849 A1

TITLE: Renilla reniformis green fluorescent protein

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME CITY

STATE

COUNTRY

RULE-47

Ward, William W.

Metuchen

NJ

US

Thomson, Catherine

Edinburgh

GB

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/69.7, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

13. Document ID: US 20020177189 A1

L2: Entry 13 of 40

File: PGPB .

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177189

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US-20020177189-A1

TITLE: Novel fluorescent proteins

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Bjorn, Sara Petersen

Lyngby

DK DK

Pagliaro, Len Thastrup, Ole

Birkerod

Copenhagen K

DK

US-CL-CURRENT: $\underline{435}/\underline{69.1}$; $\underline{435}/\underline{183}$, $\underline{435}/\underline{320.1}$, $\underline{435}/\underline{325}$, $\underline{435}/\underline{7.1}$, $\underline{530}/\underline{350}$, $\underline{536}/\underline{23.2}$

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14. Document ID: US 20020146701 A1

L2: Entry 14 of 40

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146701

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146701 A1

TITLE: Methods of detecting interactions between proteins, peptides or libraries

thereof using fusion proteins

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Hamilton, Andrew D.

Guilford

CT AZ us us

Ghosh, Indraneel

Regan, Lynne

Tucson New Haven

СТ

US

US-CL-CURRENT: 435/6; 435/69.1, 435/7.1

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15. Document ID: US 20020064842 A1

L2: Entry 15 of 40

File: PGPB

May 30, 2002

Aug 24, 2004

PGPUB-DOCUMENT-NUMBER: 20020064842

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020064842 A1

TITLE: Renilla reniformis green fluorescent protein and mutants thereof

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Sorge, Joseph A. Wilson WY US
Vaillancourt, Peter E. Del Mar CA US
Felts, Katherine A. San Diego CA US

US-CL-CURRENT: $\underline{435/183}$; $\underline{435/320.1}$, $\underline{435/325}$, $\underline{435/69.1}$, $\underline{536/23.2}$

Full	Title	Citation Front	Review Classification	Date Reference	Sequences ,	Attachments C	Claims	KUMC	Drawa De
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File: USPT

US-PAT-NO: 6780599

DOCUMENT-IDENTIFIER: US 6780599 B2

TITLE: Methods of detecting interactions between proteins, peptides or libraries

thereof using fusion proteins

L2: Entry 16 of 40

Full Title Citation Front Review Cl	assification Date Reference	Claims KMC Draw De
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17. Document ID: US 663	8732 B1	
L2: Entry 17 of 40	File: USPT	Oct 28, 2003

US-PAT-NO: 6638732

DOCUMENT-IDENTIFIER: US 6638732 B1

TITLE: Mutants of Green Fluorescent Protein

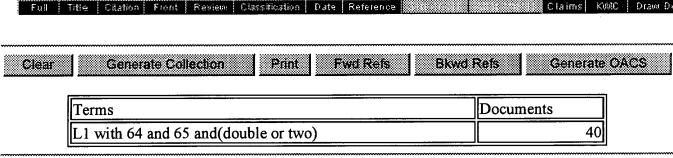
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18. Document ID: US 6630349	9 B1	
L2: Entry 18 of 40	File: USPT	Oct 7, 2003

US-PAT-NO: 6630349

DOCUMENT-IDENTIFIER: US 6630349 B1

TITLE: Trophoblast cell preparations

19. Document ID: US 65	73098 B1	
L2: Entry 19 of 40	File: USPT	Jun 3, 2003
S-PAT-NO:-6573098 OCUMENT-IDENTIFIER: US 657309		
ITLE: Nucleic acid libraries		
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Full Title Citation Front Review (Classification Data Reference	Claims KWC 6
Full Title Citation Front Review		Glaims KWC 6
		Claims RWC B
20. Document ID: US 65	18065 B1 File: USPT	



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21. Document ID: US 6506603 B1

Using default format because multiple data bases are involved.

L2: Entry 21 of 40

File: USPT

Jan 14, 2003

US-PAT-NO: 6506603

DOCUMENT-IDENTIFIER: US 6506603 B1

TITLE: Shuffling polynucleotides by incomplete extension

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Stemmer; Willem P. C.

Los Gatos

CA

US-CL-CURRENT: 435/440; 435/6, 536/23.1, 536/24.3

Full Title Citation Front Review Clas	sification Date Reference	Claims KWC Draw De
22. Document ID: US 6506	602 B1	
L2: Entry 22 of 40	File: USPT	Jan 14, 2003

US-PAT-NO: 6506602

DOCUMENT-IDENTIFIER: US 6506602 B1

TITLE: Methods for generating polynucleotides having desired characteristics by

iterative selection and recombination

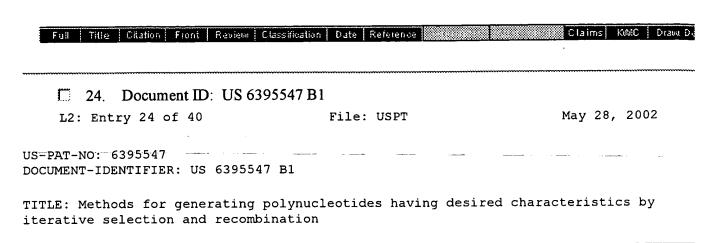
Full Title Citation Front Review Class	rification Date Reference	Claims KMC Draw Do
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23. Document ID: US 64137	774 B1	
L2: Entry 23 of 40	File: USPT	Jul 2, 2002

US-PAT-NO: 6413774

DOCUMENT-IDENTIFIER: US 6413774 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Apr 16, 2002



Full Title Citation Front Review Classification Date Reference Classification Date Classificatio

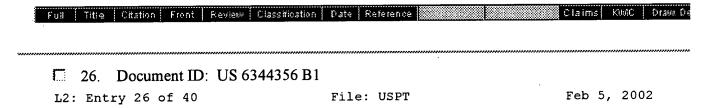
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US-PAT-NO: 6372497

DOCUMENT-IDENTIFIER: US 6372497 B1

L2: Entry 25 of 40

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

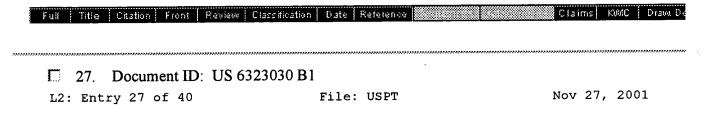


US-PAT-NO: 6344356

DOCUMENT-IDENTIFIER: US 6344356 B1

** See image for Certificate of Correction **

TITLE: Methods for recombining nucleic acids



US-PAT-NO: 6323030

DOCUMENT-IDENTIFIER: US 6323030 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination



	28	Document	\mathbf{ID} .	US	6291	242 B	1
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L2: Entry 28 of 40

File: USPT

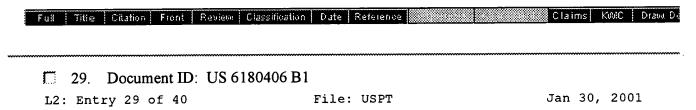
Sep 18, 2001

US-PAT-NO: 6291242

DOCUMENT-IDENTIFIER: US 6291242 B1

TITLE: Methods for generating polynucleotides having desired characteristics by

iterative selection and recombination

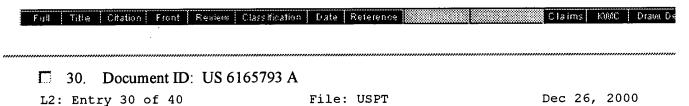


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DOCUMENT-IDENTIFIER: US 6180406 B1

TITLE: Methods for generating polynucleotides having desired characteristics by

iterative selection and recombination

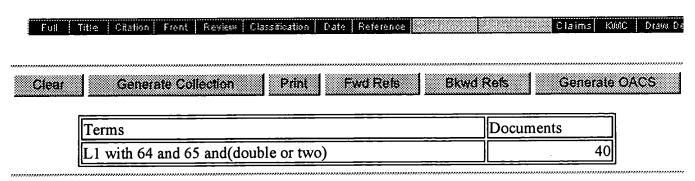


US-PAT-NO: 6165793

DOCUMENT-IDENTIFIER: US 6165793 A

TITLE: Methods for generating polynucleotides having desired characteristics by

iterative selection and recombination



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Search Results - Record(s) 31 through 40 of 40 returned.

31. Document ID: US 6117679 A

Using default format because multiple data bases are involved.

L2: Entry 31 of 40

File: USPT

Sep 12, 2000

US-PAT-NO: 6117679

DOCUMENT-IDENTIFIER: US 6117679 A

TITLE: Methods for generating polynucleotides having desired characteristics by

iterative selection and recombination

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Stemmer; Willem P. C.

Los Gatos

CA

US-CL-CURRENT: 435/440; 435/6, 536/23.1, 536/24.3

Full Title Citation Front Review Classification Date Reference 32. Document ID: US 6096865 A Aug 1, 2000 File: USPT L2: Entry 32 of 40

US-PAT-NO: 6096865

DOCUMENT-IDENTIFIER: US 6096865 A

** See image for Certificate of Correction **

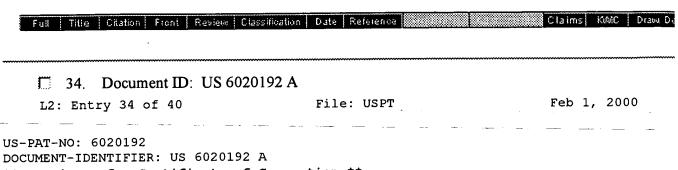
TITLE: Mutants of the green fluorescent protein having improved fluorescent properties at 37.degree.

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De 33. Document ID: US 6090919 A Jul 18, 2000 L2: Entry 33 of 40 File: USPT

US-PAT-NO: 6090919

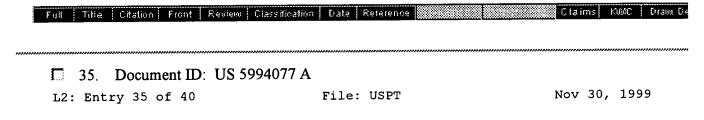
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TITLE: FACS-optimized mutants of the green fluorescent protein (GFP)



** See image for <u>Certificate of Correction</u> **

TITLE: Humanized green fluorescent protein genes and methods

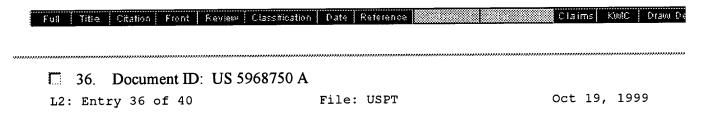


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DOCUMENT-IDENTIFIER: US 5994077 A

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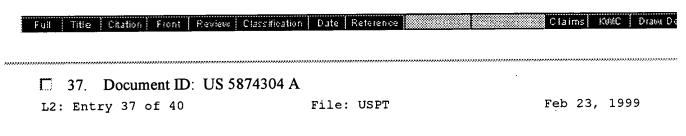
TITLE: Flourescence-based isolation of differentially induced genes



US-PAT-NO: 5968750

DOCUMENT-IDENTIFIER: US 5968750 A

TITLE: Humanized green fluorescent protein genes and methods



US-PAT-NO: 5874304

DOCUMENT-IDENTIFIER: US 5874304 A

38. Document ID: US 5811238 A

L2: Entry 38 of 40

File: USPT

Sep 22, 1998

US-PAT-NO: 5811238

DOCUMENT-IDENTIFIER: US 5811238 A

TITLE: Methods for generating polynucleotides having desired characteristics by

iterative selection and recombination

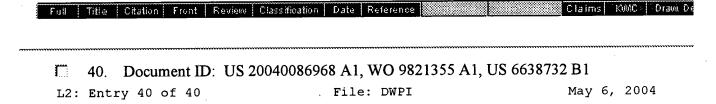
Full Title Citation Front Review Classification Date Reference Classification Date Reference 39. Document ID: US 5804387 A Sep 8, 1998 File: USPT

US-PAT-NO: 5804387

DOCUMENT-IDENTIFIER: US 5804387 A

L2: Entry 39 of 40

TITLE: FACS-optimized mutants of the green fluorescent protein (GFP)



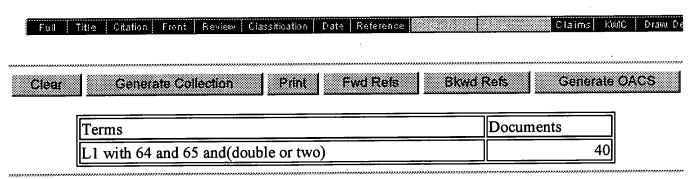
DERWENT-ACC-NO: 1998-297958

DERWENT-WEEK: 200430

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TITLE: New green fluorescent protein mutants excitable with blue or white light useful as markers of transfection or for labelling polypeptide(s) and fusion

proteins





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